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IN THE U.S. PATENT AND TRADEMARK OFFICE

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| Inventor  | Donato ETTORRE et al  |
| Patent App.   | Not known (US Nat'l phase of<br>PCT/EP2002/012815)  |
| Filed   | Concurrently herewith   |
| For   | MEMORY BASED DEVICE AND METHOD FOR CHANNEL<br>ESTIMATION IN A DIGITAL COMMUNICATIONS SYSTEM |
| Art Unit  | Not known   |
| Hon. Commissioner of Patents<br>Box 1450<br>Alexandria, VA 22313-1450 |   |

**PRELIMINARY AMENDMENT**

Prior to examination of the above-identified application,  
please amend as follows:

In the Specification:

Page 1, before Paragraph 1 insert